

**AMENDMENTS TO THE CLAIMS**

Please amend the present application as follows:

**Claims**

1. (Previously presented) A light generating device comprising:
  - a blue light emitting device that emits blue light with peak wavelength within a range from 460 nanometers (nm) to 480 nm; and,
  - an epoxy placed over the light emitting device, the epoxy including:
    - a first type of phosphor; and
    - a second type of phosphor;
  - wherein the first type of phosphor, when excited, emits red light; and,
  - wherein the second type of phosphor, when excited, emits yellow light.
2. (Canceled)
3. (Currently amended) A light generating device as in claim 1:
  - wherein the light emitting device is a blue light emitting diode; and,
  - wherein the second type of phosphor is a yellow phosphor having one of the following chemical formulas:
    - Tb<sub>3</sub>Al<sub>5</sub>O<sub>12</sub>:Ce,
    - Sr(Ba,Ca)SiO<sub>4</sub>:Eu,
    - YAG:Ce.
4. (Original) A light generating device as in claim 1 additionally comprises one of the following:
  - a mold compound covering the epoxy;
  - an optical dome covering the epoxy.
5. (Canceled)
6. (Currently amended) A light generating device as in claim 1:
  - wherein the first type of phosphor is a red phosphor having one of the following chemical formulas:

$\text{CaS:Eu}^{2+}, \text{Mn}^{2+}$ ,  
 ~~$\text{SrS:Eu}^{2+}$~~ ;  
 $(\text{Zn}, \text{Cd})\text{S:Ag}^+$ ,  
 $\text{Mg}_4\text{GeO}_{5.5}\text{F:Mn}^{4+}$ ,  
 $\text{ZnS:Cu}^+$ ,  
 $\text{ZnSe:Cu, Cl}$ ,  
 $\text{ZnSe}_{1/2}\text{S}_{1/2}\text{:Cu, Cl}$ ,  
 $\text{BaSi}_7\text{N}_{10}\text{:Eu}^{2+}$ ,  
 $(\text{Ca}, \text{Sr}, \text{Ba})\text{Si}_5\text{N}_8\text{:Eu}^{2+}$ ; and,

wherein the second type of phosphor is a yellow phosphor having one of the following chemical formulas:

$\text{Tb}_3\text{Al}_5\text{O}_{12}\text{:Ce}$ ,  
 $\text{Sr}(\text{Ba}, \text{Ca})\text{SiO}_4\text{:Eu}$ ,  
 ~~$\text{YAG:Ce}$~~ .

7. (Original) A light generating device as in claim 1 additionally comprising:
  - a second light emitting device; and,
  - a second epoxy placed over the second light emitting device, the second epoxy including:
    - the first type of phosphor, and
    - the second type of phosphor.
8. (Original) A light generating device as in claim 1 additionally comprising:
  - a second light emitting device;
  - a second epoxy placed over the second light emitting device, the second epoxy including:
    - the first type of phosphor, and
    - the second type of phosphor;
    - a third light emitting device; and,
  - a third epoxy placed over the third light emitting device, the third epoxy including:
    - the first type of phosphor, and
    - the second type of phosphor.

9. (Original) A light generating device as in claim 1, wherein the light emitting device is mounted on one of the following:

- a printed circuit board;
- a lead frame.

10. (Original) A light generating device as in claim 1, wherein the light emitting device is mounted within a printed circuit board substrate.

11. (Canceled)

12. (Canceled)

13. (Canceled)

14. (Previously presented) A light generating device comprising:

emitting means for emitting blue light with peak wavelength within a range from 460 nanometers (nm) to 480 nm; and,

holding means for holding a first type of phosphor and a second type of phosphor adjacent to the emitting means;

wherein the first type of phosphor, when excited, emits red light; and,

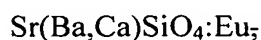
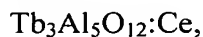
wherein the second type of phosphor, when excited, emits yellow light.

15. (Canceled)

16. (Currently amended) A light generating device as in claim 14:

wherein the emitting means is a blue light emitting diode; and

wherein the second type of phosphor is a yellow phosphor having one of the following chemical formulas:



17. (Canceled)

18. (Currently amended) A light generating device as in claim 16:

wherein the first type of phosphor is a red phosphor having one of the following chemical formulas:

$\text{CaS:Eu}^{2+}, \text{Mn}^{2+},$   
 $\text{SrS:Eu}^{2+};$   
 $(\text{Zn}, \text{Cd})\text{S:Ag}^{+},$   
 $\text{Mg}_4\text{GeO}_{5.5}\text{F:Mn}^{4+},$   
 $\text{ZnS:Cu}^{+},$   
 $\text{ZnSe:Cu, Cl},$   
 $\text{ZnSe}_{1/2}\text{S}_{1/2}\text{:Cu, Cl},$   
 $\text{BaSi}_7\text{N}_{10}\text{:Eu}^{2+},$   
 $(\text{Ca}, \text{Sr}, \text{Ba})\text{Si}_5\text{N}_8\text{:Eu}^{2+};$  and,

wherein the second type of phosphor is a yellow phosphor having one of the following chemical formulas:

$\text{Tb}_3\text{Al}_5\text{O}_{12}\text{:Ce},$   
 $\text{Sr}(\text{Ba}, \text{Ca})\text{SiO}_4\text{:Eu},$   
 $\text{YAG:Ce}.$

19. (Original) A light generating device as in claim 14, wherein the emitting means is mounted on one of the following:

a printed circuit board;  
a lead frame.

20. (Original) A light generating device as in claim 14, wherein the emitting means is mounted within a printed circuit board substrate.